

IN THE CLAIMS:

This listing of the claims replaces all prior versions and listings of the claims. Please amend claims 12, 13 and 24 as follows:

1           Claim 1. (previously presented) A method for managing a multi-  
2           tiered resource system, the method comprising:  
3                 automatically determining if a resource tier is in compliance  
4                 with a management policy, wherein the management policy includes  
5                 requiring that an expiration date of the resource tier occur after a  
6                 maintenance date; and  
7                 if the resource tier is not in compliance with the management  
8                 policy, automatically increasing available capacity in containers in  
9                 order to bring the containers in compliance with the management policy.

1           Claim 2. (previously presented) The method of claim 1, wherein  
2           increasing available capacity in containers includes allocating  
3           additional capacity to containers belonging to the resource tier until  
4           the resource tier is in compliance with the management policy.

1           Claim 3. (original) The method of claim 2, wherein allocating  
2           additional capacity to the containers includes utilizing a capacity  
3           reserve belonging to the resource tier.

1           Claim 4. (original) The method of claim 2, wherein allocating  
2           additional capacity to the containers includes utilizing available  
3           capacity from other containers in the resource system.

1           Claim 5. (original) The method of claim 2, wherein allocating  
2           additional capacity to the containers includes allocating additional  
3           capacity to containers of higher importance before allocating  
4           additional capacity to containers of lower importance.

          Claim 6. (canceled)

1           Claim 7. (previously presented) The method of claim 1, further  
2           comprising calculating the expiration date of the resource tier.

1           Claim 8. (original) The method of claim 7, wherein calculating  
2           the expiration date of the resource tier includes calculating a life  
3           expectancy of each container belonging to the resource tier.

1           Claim 9. (original) The method of claim 8, wherein calculating  
2 the life expectancy of the containers includes adjusting the life  
3 expectancy of the containers to account for container lead-time.

1           Claim 10. (original) The method of claim 1, further comprising  
2 if the resource tier cannot be brought in compliance with the  
3 management policy, alerting that the resource tier is not in compliance  
4 with the management policy.

1           Claim 11. (previously presented) The method of claim 1, wherein  
2 increasing available capacity in containers includes compressing data  
3 within the resource tier until the resource tier is in compliance with  
4 the management policy.

1           Claim 12. (currently amended) A system for managing a multi-  
2 tiered resource system, the system including a processor, the system  
3 comprising:  
4           means for automatically determining if a resource tier is in  
5 compliance with a management policy, wherein the management policy  
6 includes requiring that an expiration date of the resource tier occur  
7 after a maintenance date; and  
8           means for automatically increasing available capacity in  
9 containers in order to bring the containers in compliance with the  
10 management policy if the resource tier is not in compliance with the  
11 management policy.

1           Claim 13. (currently amended) A system for managing a multi-  
2 tiered resource system, the system comprising:  
3           a determining module configured to automatically determine if a  
4 resource tier is in compliance with a management policy, wherein the  
5 management policy includes requiring that an expiration date of the  
6 resource tier occur after a maintenance date; and  
7           a processing module configured to automatically increase  
8 available capacity in containers in order to bring the containers in  
9 compliance with the management policy if the resource tier is not in  
10 compliance with the management policy.

1           Claim 14. (original) The system of claim 13, wherein the  
2 processing module is further configured to allocate additional capacity

3 to containers belonging to the resource tier until the resource tier is  
4 in compliance with the management policy.

1 Claim 15. (original) The system of claim 14, wherein the  
2 processing module is further configured to utilize a capacity reserve  
3 belonging to the resource tier.

1 Claim 16. (original) The system of claim 14, wherein the  
2 processing module is further configured to utilize available capacity  
3 from other containers in the resource system.

1 Claim 17. (original) The system of claim 14, wherein the  
2 processing module is further configured to allocate additional capacity  
3 to containers of higher importance before allocating additional  
4 capacity to containers of lower importance.

Claim 18. (canceled)

1 Claim 19. (previously presented) The system of claim 13, wherein  
2 the determining module is further configured to calculate the  
3 expiration date of the resource tier.

1 Claim 20. (original) The system of claim 19, wherein the  
2 determining module is further configured to calculate a life expectancy  
3 of each container belonging to the resource tier.

1 Claim 21. (original) The system of claim 20, wherein the  
2 determining module is further configured to adjust the life expectancy  
3 of the containers to account for container lead-time.

1 Claim 22. (original) The system of claim 13, further comprising  
2 an alert module configured to alert that the resource tier is not in  
3 compliance with the management policy if the resource tier cannot be  
4 brought in compliance with the resource policy.

1 Claim 23. (original) The system of claim 13, wherein the  
2 processing module is further configured to compress data within the  
3 resource tier until the resource tier is in compliance with the  
4 management policy.

1 Claim 24. (currently amended) A computer program product  
2 embodied in a tangible media comprising:

3 computer readable program codes coupled to the tangible media for  
4 managing a multi-tiered resource system, the computer readable program  
5 codes configured to cause the program to:

6 automatically determine if a resource tier is in compliance with  
7 a management policy, wherein the management policy includes requiring  
8 that an expiration date of the resource tier occur after a maintenance  
9 date; and

10 automatically increase available capacity in containers in order  
11 to bring the containers in compliance with the management policy if the  
12 resource tier is not in compliance with the management policy.

1 Claim 25. (previously presented) The computer program product of  
2 claim 24, wherein the program code configured to automatically increase  
3 available capacity in containers includes program code configured to  
4 cause the program to allocate additional capacity to containers  
5 belonging to the resource tier until the resource tier is in compliance  
6 with the management policy.

1 Claim 26. (previously presented) The computer program product of  
2 claim 25, wherein the program code configured to automatically increase  
3 available capacity in containers includes program code configured to  
4 cause the program to utilize a capacity reserve belonging to the  
5 resource tier.

1 Claim 27. (previously presented) The computer program product of  
2 claim 25, wherein the program code configured to automatically increase  
3 available capacity in containers includes program code configured to  
4 cause the program to utilize available capacity from other containers  
5 in the resource system.

1 Claim 28. (previously presented) The computer program product of  
2 claim 25, wherein the program code configured to automatically increase  
3 available capacity in containers includes program code configured to  
4 cause the program to allocate additional capacity to containers of  
5 higher importance before allocating additional capacity to containers  
6 of lower importance.

Claim 29. (canceled)

1           Claim 30. (previously presented) The computer program product of  
2 claim 24, wherein the program code configured to determine if the  
3 resource tier is in compliance with the management policy includes  
4 program code configured to cause the program to calculate the  
5 expiration date of the resource tier.

1           Claim 31. (previously presented) The computer program product of  
2 claim 30, wherein the program code configured to cause the program to  
3 calculate the expiration date of the resource tier includes program  
4 code configured to cause the program to calculate a life expectancy of  
5 each container belonging to the resource tier.

1           Claim 32. (original) The computer program product of claim 31,  
2 wherein the program code configured to cause the program to calculate a  
3 life expectancy of each container belonging to the resource tier  
4 includes program code configured to cause the program to adjust the  
5 life expectancy of the containers to account for container lead-time.

1           Claim 33. (original) The computer program product of claim 24,  
2 further comprising program code configured to cause the program to  
3 alert that the resource tier is not in compliance with the management  
4 policy if the resource tier cannot be brought in compliance with the  
5 management policy.

1           Claim 34. (previously presented) The computer program product of  
2 claim 24, wherein the program code configured to automatically increase  
3 available capacity in containers includes program code configured to  
4 cause the program to compress data within the resource tier until the  
5 resource tier is in compliance with the management policy.